

Engineering Development Model

Power Splitter/Combiner

JSPQW-ED8183/1

2 Way-90°

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : BK276

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		15.4		160 MHz
Isolation	15.4 - 154 MHz		40	dB
	80 - 160 MHz		38	dB
Insertion Loss Average of Coupled Outputs above 3.0 dB	15.4 - 154 MHz		0.59	dB
	80 - 160 MHz		0.85	dB
Phase Unbalance	15.4 - 154 MHz		0.298	deg.
	80 - 160 MHz		1.863	deg.
Amplitude Unbalance	15.4 - 154 MHz		0.171	dB
	80 - 160 MHz		0.225	dB
VSWR	SUM Port		1.23	(:1)
	OUT Ports		1.30	(:1)

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	1
PORT 1	7
PORT 2	8
GND EXT	2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 14

Functional Diagram

